

ABSTRACT

A printing machine in which excessive ink remaining in ink delivery tubings (20, 22, 24) each connecting an ink reservoir (16) to an ink supply source (18) can be quickly removed or rinsed out is provided.

5 The printing machine according to the present invention includes the ink reservoir (16), the ink supply source (18), and one or more of the ink supply tubing (20) and ink recovery tubings (22, 24) each connecting said ink reservoir (16) to said ink supply source (18), whereby the ink supplied from said ink supply source (18) via at least one of said ink delivery
10 tubings to said ink reservoir (16) and accumulated therein is used for printing, and wherein the printing machine further comprises one or more ink removing means for removing said ink remaining in said ink supply tubing (20) and ink recovery tubings (22, 24), each of said one or more ink removing means including respective air supply means (26A, 26B, 26C) which supply
15 a fast enough flow rate and/or large enough flow volume of air into said ink supply tubing (20) and ink recovery tubings (22, 24) such that the air flows toward said ink supply source from said ink reservoir in order to remove said ink remaining on the inner surface of said ink supply tubing (20) and ink recovery tubings (22, 24).

20 (Figure 1)